

Appn No. 09/721,862  
Amdt. Dated April 7, 2005  
Response to Office Action of February 10, 2005

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### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. - 7. (Cancelled).
8. (Currently Amended) A method of coding a region including applying coded data to a part of the region, the coded data indicating both a functional attribute of the part of the region and a relative location on the region, the method comprising the steps of:
  - printing the coded data on the relative location on the region using ink that is substantially invisible to the human eye; and
  - printing visible content on the relative location, wherein the visible content corresponds to the coded data;
  - wherein the visible content and the invisible coded data are printed by the same printer-substantially-simultaneously.
9. (Original) The method of claim 8 wherein the functional attribute indicates at least one of the group comprising: a hyperlink, a hypertext link, a button, a drawing field, a text field and a signature field.
10. (Original) The method of claim 8 wherein some of the coded data also includes data indicative of a location.
11. (Original) The method of claim 8 wherein some of the coded data also includes data indicative of an identity.
12. (Original) The method of claim 8 wherein some of the coded data also includes data indicative of an identity and a location.
13. (Original) The method of claim 8 wherein the identity is indicative of a location in the region.
14. (Original) The method of claim 8 wherein the identity is indicative of an identity of the region.

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15. -20. (Cancelled).

21. (Previously Presented) The method of claim 8, wherein the coded data includes a plurality of fixed target structures and a plurality of variable data areas.

22. (Previously Presented) The method of claim 8, wherein the coded data comprises a plurality of tags, wherein each tag includes six target structures consisting of a detection ring, an orientation axis target, and four perspective targets.

23. (Previously Presented) The method of claim 22, wherein the overall shape of each particular tag is circular.

24. (Previously Presented) The method of claim 22, wherein the plurality of tags is printed in infrared-absorptive ink.

25. (Previously Presented) The method of claim 22, wherein the plurality of tags tiles substantially the entire region.

26. (Previously Presented) The method of claim 22, wherein each particular tag contains 120 bits of information.

27. (Previously Presented) The method of claim 22, wherein the coded data of each particular tag is redundantly encoded using a Reed-Solomon code.

28. (Previously Presented) The method of claim 8, wherein the coded data comprises data bits represented by a radial wedge in the form of an area bounded by two radial lines, a radially inner arc and radially outer arc.

29. (Previously Presented) The method of claim 8, wherein the region is a netpage.